SCH-2500 Series

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SCH-2500 Series
DUAL-BAND TRI-MODE

D I G I T A L   T E L E P H O N E

Owner's Manual

Please read this manual before operating
the phone, and keep it for future reference.

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Introduction To Your Samsung 2500 Series Phone

Congratulations on the purchase of your Samsung 2500 Series Phone. Using the latest digital technology, the Samsung 2500 Series Phone operates in a similar manner to other wireless phones, while providing superior resonance and tone quality, and support for North American digital CDMA networks both at 800 MHz and 1900 MHz.

The following features make your Samsung 2500 Series Phone both fun and easy to use:

- Phone Book Memory – 199 Locations
- Dual-Band Tri-Mode support for digital and analog networks. The following frequencies and modes are supported: 1900 MHz CDMA, 800 MHz CDMA, and 800 MHz AMPS.
- One-touch VoiceMail Access
- User Programmable Lock Code
- Short Message Services (SMS) and Voice Mail Notification (VMN)
- 9 Ring Tones, 4 Melodies, or Vibrate Alert
- Redial – 10 Numbers
- Outgoing / Incoming Call Logs - 10 Locations Each
- One-Touch dialing - 9 locations (1 through 9)
- Two-Touch dialing - 90 locations (10 through 99)
- Three-Touch dialing - 100 locations (100 through 199)
- Mute Option During Conversation
- Bilingual Menu (English or French)
- Call Restriction Options

How To Use This Manual

Your Samsung 2500 Series Phone Owner's Manual explains your phone's operations through easy-to-follow instructions. You'll find everything you need to know about using your new Samsung 2500 Series Phone right here.

Want to know how many different ways you can place a phone call from this phone? Check out the chapter on Calling Options. Wondering about terms like Roaming and Prepend? There's a handy Glossary of Terms in the back of this manual.

We've also included some important safety information that you should know before using your phone. You'll find the Safety Considerations in the Appendix.

Still have questions? We'll be happy to answer them. Just call our Samsung Customer Care Center toll-free at 1.888.987.HELP.

We hope you enjoy using your new Samsung 2500 Series Phone, and thanks for choosing Samsung.

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Getting Started

Your Consumer Package

Your Consumer Package contains the following items:

- Samsung 2500 Series Phone with Hand Strap and Travel Charger
- Extended Lithium-Ion Battery
- Owner's Manual, Quick Reference Card, Accessory Guide, and Warranty card

Getting Started

Description of Your Samsung 2500 Series Phone

Function keys and other controls activate the features of your Samsung 2500 Series Phone. The following illustration identifies the function keys, controls, and indicators:

1) LED Indicator
   (calls, messages, power on)
2) Microphone mute button
3) Volume / Scroll buttons
4) LCD screen
5) Menu button
6) Send key
7) Scroll Keys

8) Microphone
9) Active Flip
10) Digit Keys (0 - 9)
11) End/Power key
12) CLR key
13) OK (Store) and Messages key
14) Navigation/Phonebook key
15) Antenna

Getting Started

Screen Display

The Samsung 2500 Series Phone features an LCD screen with four text lines and one icon line. The icon line displays active options and selected menu items.

During conversation, the screen displays the call timer and the name and number of the other party, if available. Active in-use options, such as Mute, Call Waiting, and Message Notification also display during conversation. For additional indicators, see "Table 2: Status / Alert Indicators" on page 6.

The following icons and text display at power-on:

Signal Strength	Roaming	Digital Mode	Battery Strength
	No Service	New Message (voice, page or text)	Vibrator
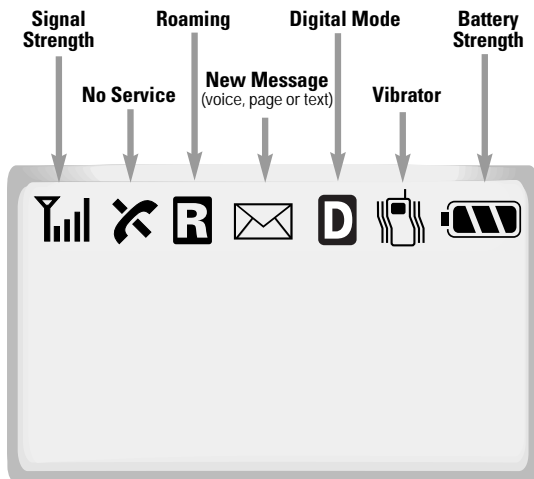
Getting Started

Table 1: Key Functions

Press SEND to:
- place and answer calls,
- initiate Three-Way Calling,
- answer a Call Waiting call.
- access your Call Logs (incoming and outgoing)

In Standby mode, press SEND twice to redial the last outgoing number.

Press and hold OK/Messages to be connected to your voice mail (contact your carrier for access to this service.)

From any menu, press OK/Messages to save menu settings and Phone Book entries.

From Standby mode, press OK/Messages to access voice, page and text messages.

Press CLR to:
- erase one character at a time,
- return to the previous screen.

Press and hold CLR to:
- erase all entered characters and numbers,
- return to Standby while viewing menus.

Press END / POWER to:
- end a call,
- exit the current menu,
- mute the ringer on an incoming call.

Press and hold END / POWER to turn the phone on and off.

Press MENU to display menus and scan options.

Press the SCROLL keys or Navigation button to scan menu options.

Press the VOLUME /SCROLL buttons to:
- adjust voice volume during conversation,
- adjust ringer volume in Standby mode,
- scroll menus, Phone Book, and Call Logs.

Table 2: Status / Alert Indicators

Signal Strength
Indicates current network signal strength

In Use
Indicates that the phone is in use

No Service
Indicates that the phone is outside a service area and cannot send or receive calls, or the phone is in Power Save mode.

Roaming
Displays when the phone is outside your carrier's coverage area and receiving service from another carrier's network.

Battery Charge
Indicates battery charge level

Message Indicator
Indicates a new voice, page, or text message(s)

Digital
Indicates that the phone is in Digital mode. (In Analog mode, no icon displays.)

Vibrate
Indicates that the phone is on Vibrate Alert. During an incoming call, the phone vibrates and no ringer sounds

Table 2: Status / Alert Indicators (Continued)

The following status / alert indicators are text only:

Locked
Text display indicates Lock mode

Ringer Off
Text display indicates a ringer off status

Greeting
A personal greeting of up to 12 characters displays in Standby mode, when set.

The following indicators are both text and audible alert:

Incoming Call
Text display and ringer / vibrate alert signal incoming calls, depending on setting

Call Waiting
Text display indicates Call Waiting

Dropped / Failed Call
Text display indicates a dropped or failed call

The following indicators are audible alert only:

Minute Beep
Sounds every 60 seconds in Conversation mode, when set, beginning when the other party answers.

Service Alert
Sounds when the phone enters or leaves a service area.

Getting Started

Battery Installation, Charging, and Care

Your Samsung 2500 Series Phone package includes a partially charged, rechargeable battery so that you can use the phone immediately after it is activated.

Installing the Battery

To attach the battery to your Samsung 2500 Series Phone:

1. Hold the battery so that the metal contacts on the base of the battery line up with the metal contacts on the base of the phone.
2. Place the battery on the back of the phone with the top of the battery about 1 cm (0.25 inches) from the latch.
3. Gently slide the battery toward the top of the phone until it snaps into place.

Getting Started

TC20 Travel Charger

The TC20 Travel Charger allows you to charge your phone's battery from a standard wall outlet. Also, using the TC20 allows you to make a phone call while the battery is charging. Here's how to do it:

1. Make sure the battery is installed onto the phone.

2. Plug the two-pronged connector on the Travel Charger into the wall and the other end of the cable into the accessory connector at the bottom of the phone. The battery will begin charging. Easy, huh?

3. Now all you need to know is how the LED on the travel charger indicates the status of the battery charge. Here it is:

    • red indicates that the battery is charging.

    • green indicates that the battery is fully charged.

    • yellow indicates that the battery is operating at a temperature that is too high or too low, or that the charger is not plugged in correctly. Please check the charger and battery.

4. Make a phone call anytime you'd like. The TC20 travel charger will continue charging the battery even when you are making phone calls ! Coolness !

5. For the absolute fastest charging time, turn the phone off while the battery is charging. The battery charges fastest when the phone is turned off.

Getting Started

Charging the Battery using the Optional Dual-Slot Desktop Charger

To charge the battery using the optional Dual-Slot Desktop Charger:

Note: Use only the TC20 Travel Charger or Samsung-approved Dual-Slot Desktop Charger with your Samsung 2500 Series Phone. Using the wrong charger could damage the battery.

1. Plug the power cord of the charger into a wall outlet.
2. Select one of the following three charging options:
   - insert the entire phone (with battery attached) into the front compartment of the charger
   - insert a single battery (alone, not attached to the phone) into the rear compartment of the charger.
   - insert a single battery into the rear compartment and a phone with battery into the front compartment.

When two batteries are in the charger, the batteries charge simultaneously. If you charge the battery while it is attached to the phone, the Battery Charge Indicator on the LCD screen activates.

A completely discharged standard battery recharges fully in about 3 hours, and a fully discharged extended battery recharges in about 4 hours. Leaving your phone powered on during charging or charging batteries simultaneously increases charging time. Leaving the battery in the charger once it is fully charged does not harm the battery. A green LED on the charger indicates a full battery charge.

Getting Started

Samsung 2500 Series Battery Charge Indicator

The Battery Charge Indicator ⁤▮▮▮⁤ displays in the upper right corner of the LCD screen and indicates four levels of charge. Three solid bars (as shown here) indicate a fully charged battery. When the battery charge level is low or empty, an empty Battery Charge Indicator (no bars displayed) flashes on the screen.

Rapid Charging using the Dual-Slot Desktop Charger

To charge your battery in the most rapid method, insert the phone and battery into the front compartment, and leave the phone off. Using this method, a standard battery charges in no more than 2 hours, and an extended battery charges in no more than 3 hours.

Caring for the Battery

Use only Samsung-approved batteries, desktop and travel chargers. These chargers maximize battery life and performance. Using other batteries or chargers may invalidate your phone / battery warranty and may damage the battery.

For proper battery care, please follow these guidelines:

- To avoid damage, charge the battery in temperatures that range from 32°F to 104°F (0° C to 40° C).
- Do not use the battery charger in direct sunlight or in high humidity areas (such as a bathroom).
- Never dispose of the battery by incineration (fire).
- Keep the metal contacts at the battery base clean.

Getting Started

- Do not attempt to disassemble or short-circuit the battery, as injuries or burns may result.
- Replace the battery when it no longer provides acceptable performance.
- To avoid injuries / burns, do not allow metal objects or liquids to contact or short-circuit the battery terminals.
- To avoid damage, avoid storing the battery for long periods of time, and store the battery in temperatures ranging from -4° F to 140° F (-20° C to 60° C).

Table 3: Battery Storage Temperatures

- Less than one month: -4° F to 140° F (-20° C to 60° C)
- More than one month: -4° F to 113° F (-20° C to 45° C)

Battery Disposal and Recycling

Please follow these guidelines when disposing of or recycling the battery:

- Do not dispose of the battery in a fire; the cell may explode. Check the regulations in your area for special disposal instructions.
- Do not open or puncture the battery; the released electrolyte is corrosive and may cause damage to the eyes and skin, and can be toxic if swallowed.
- Charge the battery in accordance with the instructions specified in this manual.
- Return unwanted Samsung Lithium Ion batteries to your nearest Samsung Service Center. (Call toll-free 1.888.987.HELP (4357) in the U.S. and Canada.)

Getting Started

Table 4:
Samsung 2500 Series Phone and Battery Specifications

Dual Band / Tri Mode:	AMPS 800 MHz
	CDMA 800 MHz
	CDMA 1900 MHz (PCS)
LCD Screen:	5 Lines (4 Text Lines, 1 Icon Line)
Battery Type:	Standard: 1000 mAH Li-Ion
	Extended: 1600 mAH Li-Ion
Antenna:	Dual-Band retractable

2500 Series Phone with:	Standard Battery	Extended Battery
Dimensions (H x W x D):	4.8 x 1.97 x 0.95 inches	4.8 x 1.97 x 1.2 inches
	146 x 54 x 25 mm	146 x 54 x 34 mm
Weight:	5.1 oz. (145 g)	5.8 oz. (165 g)
Volume:	146 cc	171 cc
Talk Time:	AMPS : up to 55 min	up to 90 min
	CDMA 800 : up to 130 min	up to 210 min
	CDMA 1900 : up to 130 min	up to 210 min
	or	or
Standby Time:	AMPS : up to 6.7 hours	up to 10.7 hours
	CDMA 800 : up to 36 hours	up to 58 hours
	CDMA 1900 : up to 36 hours	up to 58 hours

in Standby Mode

Redial Last Call Press   tw
last incoming or o

Speed Dialing Enter the memory loc
press   .

End Call Close the flip, or press

Answer Call Open the flip, or press

* **Contact your carrier for voice mail service and user information.**

Basic Operations (continued)

Save Numbers Enter phone number, press OK/⊠ , and then follow screen prompts.

Incoming Calls Press MENU , 1.- , 2ABC to review the last 10 incoming calls.

Call Logs In Standby Mode, press SEND .

Outgoing Calls Press MENU , 1.- , 1.- to review the last 10 outgoing calls.

Name Search In Standby Mode, press the lower half of ⬍ .

Memory Search In Standby Mode, press the upper half of ⬍ .

Microphone Mute Press ● while conversing.

Ring Volume Setting In Standby Mode, press ⬍ .

Getting Started

Turning on Your Samsung 2500 Series Phone

To turn on the phone, ensure your battery is charged, and then press and hold **END/☉** . The red LED flashes, and an alert sounds. The display updates to reflect the following conditions:

- When the phone locates digital service, the greeting, time, and date display. You can now place and receive calls.

- If the phone cannot locate digital service, but does locate analog service, there will be no time or date displayed.

- If the phone cannot locate service, "Searching for Service" displays. In this case, you cannot place and receive calls. Turn off the phone, and then try again later when or where service is available.

- In Lock mode, "Locked" displays. To unlock the phone, see "Lock Mode" on page 66.

Getting Started

Modes of Operation

Conversation Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Conversation mode.

Standby Mode

The phone is in Standby mode when it is on, but not in use.

Power Save Mode

Your Samsung 2500 Series Phone automatically enters Power Save mode if it does not locate service 15 minutes after you turn on the phone. In this case, "Power Save - No Service Available" displays. The phone periodically "wakes up" and searches for service, but until the phone locates service, you will not be able to place or receive calls. While in Power Save mode, the phone also searches for service in response to any keypress.

Note: The Samsung 2500 Series Phone will not enter Power Save mode if it is in Analog or Analog Home only mode.

Getting Started

Display Options

Your Samsung 2500 Series Phone provides several display options:

Backlight Control

When the phone is attached to the Hands-Free Car Kit, the backlight remains on (unless the phone or backlight is turned off). At other times, you can select backlight options.

To select backlight options:

1. Press **MENU** to display the Main Menu.
2. Press **5 JKL** for Display.
3. Press **1** for Backlight.
4. Press the scroll keys to scan menu options: 10 Seconds (after last keypress), 30 Seconds (after last keypress), Flip Open, Off.
5. When the desired option displays, press **OK/✉** to save the setting.

Own Phone Number Display

The phone number of your Samsung 2500 Series Phone displays every time you turn on the phone. You can also view your phone number during a call or from Standby Mode by doing the following:

1. Press **MENU** .
2. Press **2 ABC** for Phone Book.
3. Press **2 ABC** for My Phone #.
4. Press **CLR** to return to the previous screen.

Getting Started

Personal Greeting

You can create and display a 12-character personal greeting, which displays on the screen in Standby mode.

To create a personal greeting:

1. Press **MENU** to display the Main Menu.
2. Press **5 JKL** for Display.
3. Press **2 ABC** for Greeting.
4. Enter your personal greeting of up to 12 characters by pressing the alphanumeric keys on the keypad. (See "Alphabetical Character Entry" on page 28.)
5. Press **OK/≡** to save the setting.

Version Display

You can view the software version of your phone.

To view the version in Standby mode (Main Menu):

1. Press **MENU** to display the Main Menu.
2. Press **5 JKL** for Display.
3. Press **3 DEF** for Version.
4. Press **CLR** to return to the previous screen.

To view the version in Conversation mode (In Use Menu):

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Version.

Getting Started

Language Selection

You can display either English or French text on your phone.

To select the language:

1. Press **MENU** to display the Main Menu.
2. Press **6 MNO** for Setup.
3. Press **3 DEF** for Language.
4. Press **< * ** or **# >** to toggle between English / Francais.
5. When the desired language displays, press **OK/⊠** to save the setting.
6. Press **CLR** to return to the previous screen.

Getting Started

Service Mode Selection

You can operate your Samsung 2500 Series phone in one of four different service modes:

- **Automatic**

    The phone adjusts automatically between Digital and Analog mode, and will roam on either type of service. Digital service is preferred when available.

- **Analog Home Only**

   The phone operates only in Analog mode, and does not roam.

- **Home Only**

    The phone operates in Digital mode, if available, or Analog mode if Digital service is not available, and does not roam.

- **Analog**

    The phone operates in Analog mode only, and roams in Analog mode.

To select the service mode:

1. Press **MENU** to display the Main Menu.
2. Press **7PQRS** for Network.
3. Press ⬭ or   to scan options: Automatic, Analog Home Only, Automatic Home Only, Analog.
4. When the desired service mode displays, press   to save the setting. The phone will reset to Automatic or Automatic Home Only on the next power-up.

Getting Started

## Menu Organization

Main Menu

The Main Menu in Standby mode contains 8 primary options, most of which contain sub-menus that have more options. (See "Table 5: Samsung 2500 Series Phone Main Menu" on page 23.)

In Use Menu

The In Use Menu options are available in Conversation mode:

1. Silent Key
2. Phone Book
3. Version
4. Send Tel #

Menu Navigation

To access a menu option, press **MENU** , and then scroll the menu options using **◄ ✱** , **# ►** , the VOLUME keys, or the navigation key. Press the associated digit key to select the desired option, or press **OK/✉** when the desired option is highlighted. If you know the number of the option you want to select, simply press **MENU** , and then press the associated digit key to select the desired option. (You do not have to scroll through the list or display an option in order to select it.)

Table 5: Samsung 2500 Series Phone Main Menu

Main Menu	Menu Level 1	Menu Level 2	
1. Call Logs ⇨	1. Outgoing 2. Incoming 3. Air Time ⇨	 1. Last Call 2. Total 3. Erase Total	
2. Phone Book ⇨	1. Find Name 2. My Phone # 3. Add Entry 4. Find Entry 5. Erase Entry ⇨	 1. by Name 2. by Mem #	
3. Sounds ⇨	1. Ring Vol ⇨ 2. Ring Type ⇨ 3. Key Beep	1. Ring 2. Message 1. Ring 2. Mess	 1. Voice 2. Page 3. Text
4. Alert ⇨	1. MinuteBeep 2. Service		
5. Display ⇨	1. BackLight 2. Greeting 3. Version		

Table 5: Samsung 2500 Series Phone Main Menu - continued

Main Menu	Menu Level 1	Menu Level 2	Menu Level 3
6. Setup ⇨	1. AnyKey Ans 2. SEND Key 3. Language 4. Data/Fax In		
7. Network ⇨	↑ Automatic Home Only Analog ↓ Analog Home Only		
0. Security ⇨	1. Lock Phone 2. Limit Use ⇨	1. Outgoing 2. Incoming 3. Phone Book 4. Roaming	
	3. Lock Code 4. Special #		
	5. Erase ⇨	1. Call Logs ⇨	1. Outgoing 2. Incoming 3. All
		2. Messages 3. Phone Book	
	6. Reset Phone		

2

Calling Options

Overview of Calling Options
Character Entry
Placing / Answering Calls
Ringer Options
Alert Options
Tracking Calls Through Call Logs

Calling Options

Overview of Calling Options

Your Samsung 2500 Series Phone provides a variety of calling options. For detailed information on each of the following calling options, see the related section in this manual:

- Enter the phone number by pressing the digit keys, and then press **SEND** .
- Access a phone number stored in the Call Logs, and then press **SEND** .
- Access an entry in your Personal Phone Book, and then press **SEND** .
- Use Turbo Dialing (One, Two, and Three-touch Dialing).
- Call emergency or special numbers in Lock mode.
- Initiate Three-Way Calling during conversation.
- Answer a Call Waiting call during conversation.

Calling Options

Character Entry

You can enter and store names / numbers and a personal banner on your Samsung 2500 Series Phone. You can enter upper case and lower case letters, numbers, and punctuation marks by pressing the alphanumeric keys on the keypad.

The phone accepts character entry in the following ways:

- Enter phone numbers in both Standby and Conversation mode.
- Enter letters and punctuation to save a name entry in the Phone Book.
- Enter letters, numbers, and punctuation to save a personal greeting.

Calling Options

Alphabetical Character Entry

To enter letters when saving a name in the Phone Book or when entering a personal banner:

1. Repeatedly press any alphanumeric key to cycle through the letters (and number) associated with that key. For example, repeatedly pressing **2 ABC** displays A, B, C, a, b, c, 2. Continuing to press 2 causes this sequence to repeat.

2. To enter more letters, press the associated alphanumeric key. If the next letter is the same as the previous letter (or appears on the same key), press **# ▶** to move to the next space, and then enter the next letter (or wait two seconds and the cursor will move over by itself).

3. To erase a letter entered incorrectly, press **CLR** . You can also press **◀ ✱** , and then enter a different letter. To erase the entire entry, press and hold **CLR** .

4. To enter special French vowels, enter the normal vowel by using the digit keys, and then use the ▐ or ⬍ buttons to change the normal vowel to a special French vowel.

5. When you've finished entering characters, press **OK/✉** to save the entry.

Digit Entry

To enter digits in any mode:

1. Press the associated digit key. The entered digits display on the screen from left to right.

2. To erase a single digit, press **CLR** .
   To erase an entire number entry, press and hold **CLR** .

Calling Options

Punctuation Entry

To enter punctuation marks when entering a name in the
Phone Book or a personal greeting:

1. Press ![key] repeatedly to scan punctuation options:

   - Period (.)
   - Apostrophe (')
   - Comma (,)
   - Left Bracket (( )
   - Right Bracket ( ))
   - Dash (–)
   - Ampersand (&)
   - "At" Symbol (@)

2. When the desired option displays, wait two seconds and
   the cursor will move to the next character place, or (if you
   just can't wait) press ![key] to move to the next space and
   continue the entry.

3. When you've finished entering characters, press ![OK/key] to
   save the entry.

Entering a Pause

To enter a pause, press the ![MENU] key while entering a phone
number. For a complete explanation of Pause Dialing,
see "Pause Dialing" on page 64.

2

Calling Options

Placing / Answering Calls

Placing a Call

To place a call:

1. Press and hold **END/⏻** to turn on the phone. An active screen display indicates that the phone is on. (No dial tone sounds.)

2. Enter the phone number, up to 32 digits, by pressing the digit keys. The phone number displays from left to right.

3. Press **SEND** . The phone places the call to the entered phone number (if service is available).

Answering a Call

Answer an incoming call by opening the flip, or by pressing **SEND** if the flip is open .*

Ending a Call

End a call by closing the flip, or by pressing **END/⏻** . The call time (length of call) displays, along with the name / number of the called party (if available). The phone returns to Standby mode automatically.

Automatic Hyphenation

Automatic Hyphenation follows the North American Numbering Plan, which hyphenates numbers as follows:

• **800-555-1234**

Digits following a Hard Pause are not hyphenated. (See "Pause Dialing" on page 64.)

*When AnyKey Answer is active, press any key except **END/⏻** to answer a call.

Calling Options

Correcting a Misdialed Number

To correct a misdialed digit or number:

- Press **CLR** to erase the digit, and then enter the correct digit.
- Press and hold **CLR** to erase the entire number entry, and then enter the correct number.

Prepend Dialing

The Prepend option lets you to add digits such as area codes and network feature activation codes to a phone number that is in your Phone Book or Call Logs. (The prepended phone number cannot be more than 10 digits.)

To prepend existing phone numbers in the Phone Book or Call Logs:

1. Access the phone number entry.

2. Enter the area code or feature activation code by pressing the digit keys. For feature calls, press **◄ ✳** before dialing the feature code.

3. Press **SEND** to call the new number.

Calling Options

Missed Call Alert

Your phone keeps a list of calls that you do not answer when the phone is on and service is available. The phone indicates a missed call by sounding an alert tone and displaying a text notification on the screen, along with the number of missed calls. If calling party information is available, the screen displays the phone number of the most recent missed call. If the caller's name and number are stored in the Phone Book, the name and number will display.

To acknowledge a missed call notification, select one of the following options:

- Press **SEND** to call the number.
- Press **OK/✉** to save the number in the Phone Book.

Dropped Call Alert

A dropped call can occur during conversation in response to a signal fade. In this case, the call ends, and "Call Dropped" displays.

To acknowledge a dropped call alert, press **OK/✉** .

If the dropped call was an outgoing call from your phone, you can redial the number automatically by pressing **SEND** twice.

Calling Options

Failed Call Alert

A failed call can occur during dialing if the phone is out of calling range or the network is busy. The phone responds to a failed call by displaying an appropriate text message: "Call Failed - Out of Range" or "Call Failed - Network Busy".

To acknowledge a failed call alert, cancel the call attempt and return to Standby mode by pressing **END/⊙** or **CLR** , and then try the call again later.

Minute Beep

You can set the Minute Beep option to sound an alert 10 seconds before each elapsed minute to remind you of the length of your current outgoing call.* The other party does not hear this beep.

To turn Minute Beep on and off:

1. Press **MENU** to display the Main Menu in Standby mode before placing the call.
2. Press **4 GHI** for Alerts.
3. Press **1** for Minute Beep.
4. Use the scroll keys to select On or Off.
5. When the desired option displays, press **OK/☑** to save the setting.

*The airtime you are billed for may not correspond exactly to the Minute Beep. Please contact your carrier for billed airtime information and details.

Calling Options

Microphone Mute

You can mute the microphone during conversation by pressing the Mute button (●) . When Mute is active, "MUTE" displays, instead of the call timer. The phone resets this condition to the default "unmute" setting at call end.

To mute the microphone:

1. During conversation, simply press the ● button. "MUTE" displays on the screen.

2. To "unmute" the microphone press the ● button again. The "MUTE" message goes away.

Calling Options

Incoming Call Notification

Your phone signals an incoming call or message by:

- lighting the screen and keypad,
- flashing the red LED on the top of the handset,
- sounding the ringer (unless set to Vibrate or Off).*

Notification continues until one of the following events occurs:

- You answer the call.
- You press **END/⏻** .
- The calling party ends the call.
- The network stops paging the handset.

Your phone provides the following call notification features:

- Nine unique ring types and four melody tones
- Six ring volume settings, including Vibrate and Off
- Name display with Caller ID**
- Automatic storage of call information in the Call Logs (up to 10 phone numbers each for outgoing and incoming calls)
- Two answer options (Press **SEND** , or use Any Key Answer.)

For information on these options, see the related section in this manual.

*During conversation, no audible tone or vibration occurs.

**Caller ID is a subscriber service. For more information on Caller ID, contact your carrier. If the calling number and name are stored in your Personal Phone Book, both the name and number display to identify the incoming call.

Calling Options

Ring Type Setting for Voice Calls

This option enables you to select a unique ring type for
incoming voice calls.

To set the ring type for voice calls:

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Sounds.
3. Press **2 ABC** for Ring Type.
4. Press **1.** for Ring.
5. Press the scroll keys to scan nine ring types and four
   melody tones. Each tone sounds as you scan the options.
6. When the desired ring type sounds, press **O** to save
   the setting.

Ring Volume Setting for Voice Calls

You can set the voice call ring volume in Standby mode from
the Main Menu or by pressing the Volume buttons on the side
of the phone.

To set the ring volume for voice calls in Standby mode:

1. Press   to display the Main Menu.
2. Press   for Sounds.
3. Press   for Ring Volume.
4. Press the scroll keys to scan volume options: HIGH, MED,
   LOW, OFF, VIBRATE, or 1-BEEP.
5. When the desired volume setting displays, press   to
   save the setting.

Calling Options

Ring Tone Mute

Use this feature when the ringer sounds and you need to silence it quickly. There are two types of Ring Tone mute on your phone.

- When the flip is closed, mute the ringer by pressing the ● key (it's on the side of the phone).
- When the flip is open, mute the ringer by pressing the **END/O** key.

After the call ends, the saved ring volume setting is restored automatically.

Ring Type Setting for Message Calls

This option enables you to select a unique ring type for incoming message calls. This means you can have a distinct ring type for voice mail notification (VMN), paging, and text messages*.

To set the ring type for message calls:

1. Press **MENU** to display the Main Menu.
2. Press **3DEF** for Sounds.
3. Press **2ABC** for Ring Type.
4. Press **2ABC** for Message.
5. Press **1.** for Voice, **2ABC** for Text, or **3DEF** for Page.
6. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
7. When the desired ring type sounds, press **OK/☑** to save the setting.

*Voice mail, paging, and text messaging are subscriber services. Please contact your carrier for more information on these services.

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Calling Options

Ring Volume Setting for Message Calls

This option enables you to select a unique ring volume for incoming message calls. This volume setting applies to voice mail notification (VMN), paging, and text messages.

To set the ring volume for message calls:

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Sounds.
3. Press **1.** for Ring Volume.
4. Press **2 ABC** for Message.
5. Press the scroll keys to scan volume options: HIGH, MED, LOW, OFF, VIBRATE, or 1-BEEP.
6. When the desired volume setting displays, press **OK/✉** to save the setting.

Ring Type Setting for Data/Fax Calls

This option enables you to select a unique ring type for incoming Data/Fax calls.

To set ring type for Data/Fax calls:

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Sounds.
3. Press **6 MNO** for Data/Fax.
4. Press the scroll keys to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
5. When the desired ring type sounds, press **OK/✉** to save the setting.

Calling Options

Key Beep Volume Setting

The keys on your phone beep in response to being pressed. The volume of the beeps can be easily set to one of three levels or if you find the beeps annoying you can turn them off.

To set the key beep volume:

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Sounds.
3. Press **3 DEF** for Key Beep.
4. Press the scroll keys to scan volume options: HIGH, MED, LOW, or Off.
5. When the desired option displays, press **OK/⊠** to save the setting.

Tone Length Setting

The Tone Length setting enables you to select short or long DTMF tones. Select short DTMF tones for normal use.

To set tone length:

1. Press **MENU** to display the Main Menu.
2. Press **3 DEF** for Sounds.
3. Press **4 GHI** for Tone Length.
4. Press the scroll keys to toggle between Short / Long.
5. When the desired option displays, press **OK/⊠** to save the setting.

Calling Options

Alert Options

The Alerts menu is available in Standby mode to turn the Minute Beep and Service alert tones on and off.

The Minute Beep sounds an alert 10 seconds before every elapsed minute during an outgoing call, when set.

Service alerts include audible alert tones that sound when:

• the phone enters or leaves a service area.

To select alert options:

1. Press **MENU** to display the Main Menu.
2. Press **4 GHI** for Alerts.
3. Press the associated digit key to select an option:
   • Press **1** for Minute Beep.
   • Press **2 ABC** for Service.
4. Press the scroll keys to toggle between On / Off.
5. When the desired option displays, press **OK/☑** to save the setting.

Calling Options

Tracking Calls Through Call Logs

The Call Logs store up to 10 incoming calls and 10 outgoing calls. Each log stores the name and phone number (if available), as well as the time / date stamp. In case of duplicate entries in sequence, the system consolidates those entries and stores only the most recent call from the same phone number.

To quickly review the last 10 outgoing calls, press **SEND** in Standby mode.

To redial the last outgoing number, press **SEND** twice.

To review call logs:

1. Press **MENU** to display the Main Menu.

2. Press **1.** for Call Logs.

3. Press the associated digit key to select an option:

   • Press **1.** for Outgoing calls.

   • Press **2ABC** for Incoming calls.

   • Press **3DEF** for Air Time.

4. When the list of calls displays (option 1 or 2), press the Volume buttons to scan entries. If there is a Phone Book match, the name displays. If there is not a Phone Book match, only the phone number displays. For option 3 (Air Time), see "Reviewing Airtime" on page 43.

5. Press **CLR** to exit the Call Logs and return to the previous screen.

Calling Options

Reviewing Airtime

You can review the airtime of the most recent call, as well as total airtime for all calls since the phone was activated. An option is provided to erase the total airtime number so that you can begin a new total airtime measurement.

To review airtime:

1. Press _____ to display the Main Menu.
2. Press _____ for Call Logs.
3. Press _____ for Airtime.

2

4. Press the associated digit key to display airtime for the selected calls:

   • Press _____ for Last Call. The screen displays the airtime and the time / date stamp for the last call.

   • Press _____ for Total. The screen displays the total airtime for all calls since the last reset action.

   • Press _____ for Erase Total. Press _____ to erase total airtime, or press _____ to cancel the operation and return to the previous screen.

Note: Differences in carrier billing systems and how your carrier bills for airtime (that is by the minute or the second) could mean that the call timer on yofi˝2.453001 Tw1u]TJı˝3thae c1

3

Your Personal Phone Book

Overview of Your Personal Phone Book
Storing Phone Numbers / Names
Viewing Stored Entries
**Dialing from Your Personal Phone Book**
**Erasing Phone Book Entries**

Personal Phone Book

Overview of Your Personal Phone Book

The Internal Phone Book provides the following features:

- **199 memory locations * including:**

    9 one-touch turbo dial locations (1 through 9)
    90 two-touch turbo dial locations (10 through 99)
    100 three-touch turbo dial locations (100 through 199)
    40 Secret memory locations (160 through 199)
- **One-touch Voice Mail access key ***
- **One-touch emergency dialing to 911 (location 9)**
- **Confirmation option when overwriting or erasing entries in the Phone Book and Call Logs**
- **Automatic scrolling to the next available location, when saving entries**
- **Adding entries by name or location**
- **One-touch search of entries by name or memory location**
- **Speed Dialing (One, Two, and Three-touch Dialing)**
- **Placing a call to the displayed Phone Book entry**
- **Pause Dialing**
- **Prepending phone numbers to a 10 digit maximum**
- **Phone Book match for Incoming / Outgoing Calls, Call Waiting, Three-Way Calling, and SMS Messages**
- **Name / Number display when entry includes name**
- **"Save to Phone Book" option at call end if phone number is not currently stored**

* See "Phone Book Locations and the Voice Mail Access Key" on page 49 regarding memory location 001.

2. Press 📞.

3. Press   for Add Entry. The screen prompts for the phone number. (You can enter up to 32 digits.)

4. Enter the phone number by pressing the digit keys. The number displays from left to right.

5. To store the phone number, press   . The first available location displays.

6. To accept the displayed location, press   . To select another location, press the scroll keys to scroll to the desired location, and then press   . (You can also enter the number of the desired location using the digit keys.)

Note: To make the number secret, store it in any location between 160 and 199.

7. To include a name with the number entry, enter the name at the screen prompt. (See "Alphabetical Character Entry" on page 28.)

8. Press   to save the entry.

Note: If the desired memory location already contains an entry, the phone displays a text notification asking if you want to replace the current entry. To replace the entry, press   . To return to the previous screen and select another location, press   .

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available location displays.

3. To accept the location, press   To select another
location, press the scroll keys to   t   ne desired
location, and then press   : the entry to the
displayed location. (You c   the number for the
desired location using

4. To include a name   ber entry, enter the
name at the scr   betical Character
Entry" on p

5. Press

Personal Phone Book

Storing Phone Numbers in Secret Locations

Your Samsung 2500 Series phone allows you to store 30 phone numbers that cannot be viewed unless you know the phone's lock code. To make a number secret, simply save it into any memory location from 160 through 199 when prompted for a memory location. To view a secret number after you have saved it, see "Viewing Secret Phone Book Entries" on page 51.

Phone Book Locations and the Voice Mail Access Key

One touch dialing to your Voicemail box is done by pressing and holding the (OK/✉) key. If you do not subscribe to or use the Voice Mail Access Key, you can override this function, and use this key as a special Turbo Dialing key for a favorite phone number. Simply store the new number in memory location 001 by following the same steps for storing any other phone number.

Note: If you do change memory location 001, and later decide to restore one-touch voicemail access to the (OK/✉) key, then you must store "#" and then your ten digit phone number into memory location 001.

Emergency Dialing Using Memory Location 9

By default, memory location 9 is assigned to emergency number 911. From Standby mode, one-touch turbo dialing to 911 emergency service is accomplished by simply pressing and holding the (9 wxyz) key.

Note: If desired, you can store a different number into memory location 9, but this is not recommended.

Personal Phone Book

Viewing Stored Entries

Quick Access Phone Book Search

To find a phone book entry quickly by either name or location:

1. **By Location** - Press the upper portion of the ⬍ key, and the screen prompts for a memory location. Enter the memory location, or scroll to the desired location.

2. **By Name** - Press the lower portion of the ⬍ key, and the screen prompts for a name. Begin entering the letters of the name and the corresponding names begin to appear, or scroll to the desired name.

Finding Entries By Location

To find a Phone Book entry by location using the Main Menu:

1. Press **MENU** to display the Main Menu.
2. Press **2 ABC** for Phone Book.
3. Press **4 GHI** for Find Entry. The screen prompts for a location.
4. Enter the memory location by pressing the associated digit key(s), or scroll to the desired location, and then press **OK/✉** to display the selected entry.
5. When the desired entry displays, press **SEND** to place a call.

Personal Phone Book

Finding Entries by Name

To find a Phone Book entry by name using the Main Menu:

1. Press **MENU** to display the Main Menu.
2. Press **2ABC** for Phone Book.
3. Press **1.** for Find Name.
4. Begin entering the letters of the name you are searching by pressing the alphanumeric keys. The screen displays name matches as you enter the letters of the name. (You can scroll to the desired name.)
5. When the desired entry displays, press **SEND** to place a call.

Viewing Secret Phone Book Entries

Storing a number in Phone Book memory locations 160 through 199 enables you to keep the number secret. Unless you know your phone's lock code, a secret number cannot be viewed. To view a secret number after you have stored it:

1. Access the memory location and enter your four digit lock code.
2. The secret number displays.

Personal Phone Book

Dialing from Your Personal Phone Book

Dialing numbers from your phone book is quick and easy. There are five methods explained below which are easily memorized. Check them out. Now, since it's unlikely that you will memorize who is in all 199 locations (or even say 25 locations), then the best approach is to use 1, 2, or 3 touch "Turbo" dialing for your important numbers (mom, dad, best friend, boss, etc.) and then use the "scroll to the number" method for those numbers that you don't call very often.

Table 6: Memory Dialing Shortcuts

Scroll to the number:	From Standby mode, press the key twice to enter your phone book list. Now, just scroll through your phone book until you find the desired person or number, and then press the **SEND** key.
1-Touch Turbo Dial:	Press and hold the associated digit key for the location (applies to memory locations 1 through 9).
2-Touch Turbo Dial:	Press and release the first associated digit key, and then press and hold the second digit key (applies to memory locations 10 through 99).
3-Touch Turbo Dial:	Press and release the first associated digit key, then press and release the second digit key, then press and hold the third digit key (applies to memory locations 100 through 199).
Speed Dialing:	From Standby mode, enter the number of the memory location, and press the **SEND** key.

Personal Phone Book

Erasing Phone Book Entries

To erase Phone Book entries:

1. Press **MENU** to display the Main Menu.
2. Press **2ABC** for Phone Book.
3. Press **5JKL** for Erase. Entry.
4. Press **1.** for By Name, or press **2ABC** for By Memory #.
5. Enter the name or number corresponding to the entry you want to erase. You can also scroll to locate the desired entry.
6. Press **OK/** to erase the displayed entry. The "ERASED" notification displays, along with the name, number, and location.

3

Short Message Services and Voice Mail ❹

Short Message Services

Overview of Short Message Services and Voice Mail

Your Samsung 2500 Series Phone receives three kinds of short messages; voice mail notification (VMN) messages, pages, and text messages. When the phone receives a message, an alert sounds, and the screen displays ("New Voice", "New Text", or "New Page"). The SMS message indicator ($\boxtimes$) remains on the screen until you listen to all new voice and text messages, and also reset the messages.

Short Message Memory Capacity

Your Samsung 2500 Series Phone can store up to 20 short messages, depending on the length of the messages. When short message memory reaches 75 percent of capacity, the screen displays a message and a prompt to erase old messages. At 100 percent capacity, the screen displays a text notification and rejects additional incoming messages until you erase the stored messages.

Short Message Ringing

In Standby mode, an audible alert sounds, in addition to the message header. The phone automatically mutes the incoming message when the phone is in Conversation mode (this is to avoid ringing in your ear while you are trying to converse).

Your Samsung 2500 Series phone allows you to set a unique ring type for each type of incoming short message; VMN, text, and page. See "Ring Type Setting for Message Calls" on page 38.

Short Message Services

Reviewing Short Messages

The phone receives incoming short messages in both Standby and Conversation modes. When a new message arrives, the message header includes the type of message (Voice, Page, or Text) and the name / phone number of the caller, if available. You can review the message upon notification, or store the message for later review. The Messages menu provides options for reviewing the sender's name / phone number, time / date stamp, and the message.

Short Messages and Lock Mode

Incoming short messages are received even when the phone is in Lock mode. However, the screen will not display information about the short message. To access a message, or to return a call other than an emergency or special number, unlock the phone to proceed.

4

Short Message Services

Setting Up Your Voice Mail Box

Setting up your Voice Mail Box provides access to voice mail messages for review.

To set up your Voice Mail Box, contact your carrier.

Reviewing Voice Mail Messages

To review voice mail messages:

1. Press (OK/☑) to display the Messages menu. The number of new messages displays next to the associated message type in the menu.

2. Press (1,·) for Voice. The screen displays "Voice Mail", the time, date, and the number of new, unread messages.

3. Press (MENU) for more options:

   •Press (1,·) to Listen to voice mail messages.

   •Press (2ABC) to Reset the counter for voice mail messages, if desired.

One-touch Voice Mail Access

Press and hold (⚊) to access Voice Mail messages quickly.

Short Message Services

Reviewing Page and Text Messages

To review page and text messages:

1. Press OK/⌷ to display the Messages menu. The number of new messages displays next to the associated message type in the menu.

2. Press 2ABC for Text, or press 3DEF for Page. An indexed list of page or text messages displays. An exclamation point next to an entry indicates an urgent message. A check mark next to an entry indicates that you have read and stored the message.

3. Use the scroll keys to scan messages, or press the associated digit key to select a message by its entry number.

4. When the message displays, press #▶ to review the message, and ◀* to re-review the message.

5. Press CLR to return to the previous screen.

4

Short Message Services

Short Message Options

The Messages menu provides a number of options while you are reviewing text messages. You can return a call to the phone number in the message, save or erase the message, and scroll to the next or previous message.

1. While reviewing a message, press **MENU** for options:
   - Press **1.** for Send (to call the phone number).
   - Press **2ABC** to Save the number (if there is no Phone Book match).
   - Press **3DEF** to Erase the message.
   - Press **4GHI** to review the Next message.
   - Press **5JKL** to review the Previous message.
2. Press **CLR** to return to the previous screen.

Note: If the message you are reviewing contains a phone number that is already stored in the Phone Book, the Save option does not display, and the available menu options will be: (1) Talk, (2) Erase, (3) Next Msg, (4) Previous Msg.

Short Message Services

Erasing Messages

You can erase an individual message after reviewing it, or erase all stored short messages at one time.

To erase all short messages:

1. Press **OK/🖃** to display the Messages menu.
2. Press **4GHI** for Delete All. The screen prompts for confirmation before erasing messages.
3. Press **OK/🖃** to erase the messages, or press **CLR** to cancel the operation.

To erase a short message after reviewing it refer to :"Short Message Options" on page 60.

4

Short Message Services

Displaying the Time Stamp

You can select the time stamp that displays with short messages. Select from:

- UTC/GMT (Universal Time - Coordinated): Records the time when the Message Center sends the message to your phone (based on Greenwich Mean Time)
- Local Time: Displays the time when your phone receives the message
- Time Received: Displays the time your phone receives the message in your home time zone (but only if current time is available)

To select the message time display:

1. Press **OK/⊠** to display the Messages menu.
2. Press **5 JKL** for Message Time.
3. Press the scroll keys to scan options: UTC/GMT, Time Received, or Local Time.
4. When the desired option displays, press **OK/⊠** to save the setting.

Advanced Features

Advanced Features

Pause Dialing

Pause Dialing enables you to send numbers as DTMF (Dual-tone Multi-frequency) signals after placing a call. This feature saves time when using your tele-services such as bank account inquiries, credit card inquires, etc.

There are two pause dialing methods; pause dialing from a stored phone book entry and manual pause dialing.

Pause Dialing from a Stored Phone Book Entry

1. If you have already stored the number with pauses, then go ahead to step 2. If you need to store a number in your Phone Book which contains pauses, do this:

   a. Enter the number to first connect to (such as the bank's tele-service phone number).

   b. Press the **MENU** button to enter a pause. The letter "p" displays in the number, meaning that a pause will occur at that point in the dialing sequence. Enter the DTMF number (such as your account number).

   c. Store the number as you normally would by pressing the **OK/⊠** key and entering a name.

2. Dial the number from your phone book in the normal method you prefer.

3. When the phone number is connected, you will be prompted by the service for the number (credit card number, bank account number, etc). Press **SEND** again to send the DTMF number. "SENDING DTMF" flashes on the screen.

Advanced Features

Manual Pause Dialing

1. From Standby mode, enter the phone number of the service by pressing the digit keys.

2. Press **MENU** to enter a pause. The letter "p" displays in the number, meaning that a pause will occur at that point in the dialing sequence.

3. Press the digit keys to enter the number that you want to send as DTMF after the pause.

4. Press **SEND** . The phone number is connected.

5. When prompted by the service for the number (credit card number, bank account number, etc) press **SEND** again to send the DTMF number. "SENDING DTMF" flashes on the screen.

5

Advanced Features

Security Options

Your Samsung 2500 Series Phone provides many security options, including a user-programmable lock code, keypad lock, and call restriction features. To access the Security menu in Standby mode, press **MENU** , **0 OPER** , and then enter your lock code. (The default lock code is 0000 or the last four digits of your phone number.) Press the associated digit key to access one of the following Security options:

1. Lock Phone
2. Limit Use (Outgoing calls, Incoming calls, Phone Book, Roaming)
3. Lock Code
4. Special Numbers
5. Erase
6. Reset Phone

In addition to the above six security options, your phone has permanently stored emergency numbers which are explained in "Emergency and Special Numbers" on page 74.

Lock Mode

Locking the phone restricts outgoing calls, except to the three hard-coded emergency numbers (911, *911, and #911), and three user-programmable special numbers.

You can lock the phone manually during use, or set the phone to lock automatically at power-on. When the phone is in Lock mode, you can answer incoming calls, but to place outgoing calls you must enter the lock code (except if you are dialing an emergency or special number).

Advanced Features

Lock Code Setting

The default lock code for your Samsung 2500 Series Phone is 0000 or the last four digits of your phone number, depending on how your phone was activated. You can change the lock code as often as you like.

To change your lock code:

1. Press **MENU** to display the Main Menu.
2. Press **0 OPER** for Security and enter your current lock code.
3. Press **3 DEF** for Lock Code. The current lock code displays.
4. Enter a new, four-digit lock code by pressing the digit keys.
5. Press **OK/✉** to save the new lock code or **END/⏻** to exit.

Note: Your phone does not allow viewing of the lock code under any circumstance (except as just explained above). So, if you change the lock code, be sure to jot down the new code and keep it for your reference. If for some reason, you are unable to unlock the phone (like maybe you forgot your lock code), call Samsung Customer Care (rather than have some whiz-kid try to unlock it for you) and we'll work you through it. Our Customer Care number is 1.888.987.HELP.

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Advanced Features

Locking the Phone

You can select settings to lock the phone manually or automatically, or leave the phone unlocked.

To lock the phone:

1. Press **MENU** to display the Main Menu.
2. Press **0 OPER** for Security and enter the lock code.
3. Press **1** for Lock Phone.
4. Press the scroll keys to select an option:
   - Off: The phone remains unlocked.
   - Now: The phone locks immediately and stays locked until the lock code is entered.
   - On Power-Up: The phone locks automatically at the next power-up and stays locked until the lock code is entered.
5. Press **OK/≡** to save the setting.

Advanced Features

Dialing in Lock Mode

You can place calls to the three emergency and three special numbers even if the phone is Lock mode. If the phone is locked and you want to place a routine outgoing call, you must unlock the phone and then dial as you normally would.

To place an outgoing call in Lock mode:

- To call an emergency or special number, enter the number and then press **SEND** .
- To place normal outgoing calls, press **MENU** to display the Lock Code screen, and then enter the lock code. When the Standby screen displays, dial as you normally would.

5

Advanced Features

Call Limiting Options

Limiting Calls

Your Samsung 2500 Series Phone provides a wide variety of Call Limiting options in the Security menu. These options give you powerful tools to manage your phone. Descriptions of the call limiting options are given here. The next few pages show you how to push the buttons to choose your limiting options.

- *Outgoing Calls* - You can set outgoing calls to:

  Phonebook - only Phonebook, Special, and Emergency numbers can be dialed. Manual dialing from the key pad is not allowed.

  Special and emergency numbers - outgoing calls are allowed to the three Special and three Emergency numbers only. See "Emergency and Special Numbers" on page 74 for a description of these numbers. Phone book dialing is not allowed.

  No Limit - any outgoing call can be dialed.

- *Incoming Calls* - You can set your phone to receive all incoming calls or to receive no incoming calls.

- *Phone Book* - Phonebook access can be limited:

  Full Access - User can place calls to any phonebook number, and can view, add, or erase phonebook entries.

  No Access - User cannot view the phonebook entries. However, note that keypad dialing is unlimited (even to numbers stored in the phonebook). One, two, and three-touch dialing are not allowed.

  Read-Only - User can view the entire phonebook but cannot add or erase entries. One, two, and three-touch dialing are allowed.

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Advanced Features

- *Roaming* - **You have several options for your phone's roaming abilities:**

    No limit - **All roaming calls are allowed.**

    Incoming - **Roaming calls are limited to those placed to your phone. Outgoing roaming calls from your phone are not allowed.**

    Outgoing - **Roaming calls are limited to those placed from your phone. Incoming roaming calls to your phone are not allowed.**

    No Call - **Roaming calls are not allowed to or from your phone.**

To set call limiting options:

1. **Press MENU to display the Main Menu.**
2. **Press 0 OPER for Security and enter the Lock Code.**
3. **Press 2 ABC for Limit Use.**
4. **Press the associated digit key to select an option:**

    - **Press 1 ·- for Outgoing calls.**
      Scroll to choose Phonebook, Special#, or No Limit.
    - **Press 2 ABC for Incoming calls.**
      Scroll to choose No Call or No Limit.
    - **Press 3 DEF for Phone Book.**
      Scroll to choose Full Access, No Access, or Read-Only.
    - **Press 4 GHI for Roaming.**
      Scroll to choose No Limit, Incoming, Outgoing, or No Call, No Access, or Read-Only.
5. **Press OK/≡ to save the setting or CLR to exit without saving.**

Advanced Features

Resetting the Phone

Resetting the phone erases all Phone Book entries, message notifications, text messages, call logs, special numbers, and returns all saved options to the default settings. In a nutshell - it blows away all your settings. You really need to ask yourself why you would want to do this. But in case you really do want to, here it is.

To reset the phone:

1. Press **MENU** to display the Main Menu.

2. Press **0 OPER** for Security and enter the Lock Code.

3. Press **6 MNO** for Reset Phone. A confirmation displays explaining that you will erase your phonebook. Remember - it's not just the phonebook that will get erased. All your settings, messages, and logs will be reset to the factory defaults.

4. Press **OK/⊠** to reset the phone, or press **CLR** to cancel the operation.

Note: **This is your last chance ! Be sure you want to do this because THERE IS NO UNDO OF THIS ACTION ! !**

5. To confirm resetting the phone, press **OK/⊠** again. The phone reboots (turns itself off then on), restores the default settings, blows away your messages, and then returns to Standby mode. To cancel the operation before resetting the phone, press **CLR** .

6. OK. You did it. Hope you're happy. Have a Great Day !

Advanced Features

KeyGuard

The Samsung 2500 Series phone has an automatic KeyGuard function. Simply closing the flip enables KeyGuard. To disable the KeyGuard, open the flip or press and hold the **MENU** button.

Ringer mute works even when KeyGuard is enabled. When KeyGuard is enabled;

• press the ⬤ key to mute the ringer on an incoming call or message (it's on the side of the phone)

Note: If KeyGuard is active, and you receive a short message, the **OK/⌷** key becomes active so that you can view the messages menu and then review the message (if you desire). If you do not press any key within 10 seconds, then KeyGuard is automatically re-activated.

Note: You are smart to enable the KeyGuard and Any Key Answer features simultaneously. Why? Because this keeps your keys guarded against accidental key presses, but when a call arrives your phone enables Any Key Answer, thus allowing you to answer the call easily.

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Advanced Features

Emergency and Special Numbers

Three Emergency numbers (911, *911, and #911) are permanently programmed into your phone. The Security menu provides the option of storing three additional Special numbers. Each Special number can be up to ten digits long.

All three emergency numbers and the three Special numbers can be manually dialed at any time even if your phone is locked or all outgoing calls are limited.

Note: By default, emergency services number 911 is also stored in memory location 009. This allows you, from Standby mode, to *one-touch turbo dial* to 911 emergency services simply by pressing and holding the **9 WXYZ** key. If desired, you can store a different number into memory location 9, but this is not recommended.

Storing Special Numbers

To store special numbers:

1. Press **MENU** to display the Main menu.
2. Press **0 OPER** for Security and enter the Lock Code.
3. Press **4 GHI** for Special #.
4. Press the associated digit key to select a location for the special number.
5. Enter the emergency / special number by pressing the digit keys.
6. Press **OK/⊠** to save the number in the selected location.

Advanced Features

Dialing Emergency / Special Numbers

Note: An emergency or special number must be manually dialed, but can be dialed anytime even if the phone is locked or outgoing calls are totally limited.

To dial an emergency or special number:

1. Enter the emergency / special number (up to 10 digits) by pressing the digit keys.
2. Press **SEND** to place the call.

Over The Air Service Provisioning (OTASP)

Your Samsung 2500 Series Phone is capable of being programmed "over the air" by your service provider. Your carrier will provide you further information on this feature. During an over-the-air programming session, your phone may display the following messages on the LCD:

- "Search ... Download" means the phone is looking for the data to download.
- "Progress Download" means the phone is downloading data. Do not turn off the phone while this is occurring.
- "Download Success" means your phone has been successfully reprogrammed. If "Download Failed" appears, talk to your carrier.

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Special PCS Features

Any Key Answer

Activate Any Key Answer to answer incoming calls by pressing
any key on the keypad, except $\bigcirc$.

To activate Any Key Answer:

1. Press   to display the Main Menu.

2. Press   for Setup.

3. Press   for AnyKey Ans.

4. Use the scroll keys to toggle between On / Off.

5. Press   to save the setting.

Special PCS Features

Three-Way Calling

Three-Way Calling enables you to conduct conference calls with two separate parties at the same time.* The Samsung 2500 Series phone records the outgoing call to both parties as separate entries in the Outgoing Calls Log, and you are billed airtime for each outgoing call separately.

Placing a Three-Way Call

To place a Three-Way Call:

1. During conversation, press **SEND** , enter the phone number for the third party, and then press **SEND** again. The phone places the other party on hold.

2. When the third party answers, press **SEND** again to connect with the original party.

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* Three-Way Calling is a subscriber service. For more information on Three-Way Calling, contact your carrier.

Special PCS Features

Call Waiting

Call Waiting enables you to receive a second call during conversation. When a Call Waiting call comes in, the incoming call alert sounds, and a text notification displays.

Call Waiting is a subscriber service. For more information on Call Waiting, contact your carrier.

Call Forwarding

Your Samsung 2500 Series Phone provides the option of forwarding incoming calls to another phone number, even while your phone is off. Activating Call Forwarding does not affect outgoing calls made from this phone.

Call Forwarding is a subscriber service. For more information on Call Forwarding, contact your carrier.

Block Own Number Option

Your Samsung 2500 Series Phone provides the option of blocking your phone number from the called party's Caller ID display.

The Block Own Number option is a subscriber service. For more information on the Block Own Number option, contact your carrier.

Accessories

Genuine
Samsung
Accessories

Samsung 2500 Series Phone Accessories **7**

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Accessories

Samsung 2500 Series Accessories

Be sure to look for the Samsung Genuine Accessories logo to ensure performance matched accessories. Accessories may not be available at all dealer locations.

Batteries

Two types of Li-Ion batteries are available for use with your Samsung 2500 Series Phone:

•Standard Battery - BTS41
•Extended Battery - BTE41

Standard and Extended Batteries

Desktop Charger

The Desktop Rapid Charger charges the battery at your home or office.

Desktop Rapid Charger: DTC61

Cigarette Lighter Adapter

The Cigarette Lighter Adapter charges your Samsung 2500 Series Phone in a vehicle while you drive and enables you to operate the phone from a vehicle cigarette lighter socket.

Cigarette Lighter Adapter: CLC010

Accessories
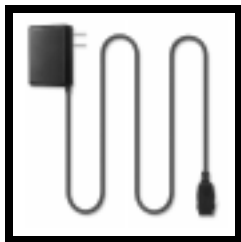
Travel Charger

The Travel Charger plugs into a wall outlet and enables you to charge a single battery at your home or office or while traveling.

Travel Charger: TC20

Hands-Free Car Kit

The Hands-Free Car Kit provides safety, freedom and convenience in your vehicle. (Kit includes Cradle and Microphone.)

Hands-Free Car Kit: HFK41

Leather Case

The Leather Case provides durability and convenience while using your Samsung 2500 Series phone.

Leather Case: LC2500

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Accessories

Hand Strap

The Hand Strap provides convenience and safety when carrying or using your Samsung 2500 Series phone.

Hand Strap: HS010

Earbud Headset

The Earbud Headset includes both the earpiece and microphone in a convenient, lightweight unit.

Earbud Headset: EMP20

The accessories listed above are available for purchase at your local retail center or by calling Samsung Customer Care at 1. 888.987.HELP.

Charging Times with Accessories*

	Standard Battery	Extended Battery
Dual-Slot Desktop Charger	3 hrs.	4 hrs.
Travel Charger	3.5 hrs.	4 hrs
Hands-Free Car Kit	4 hrs.	6 hrs.
Cigarette Lighter Adapter	4 hrs.	4.5 hrs.

*Charging the battery with the phone turned on and the Backlight on extends charging time.

Data and Fax Calls

Data and Fax Calling Overview

Receiving Fax and Data Calls

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Data and Fax Calls

Data and Fax Calling Overview

The Samsung 2500 Series phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, handheld, palmtop, etc) running Windows 95, Windows 98, or Windows NT. The Samsung 2500 Series phone functions just like a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows software applications.

To use digital data with your Samsung 2500 Series Phone, you will need to obtain a digital data/fax kit from your service provider. This kit will contain the necessary cables, software, and documentation required for you to connect and use your Samsung 2500 Series phone with your computing device.

Receiving Fax and Data Calls

1. Ensure you have performed the preparations as described above in the data/fax kit documentation.

2. On the 2500 phone, press **MENU** to display the Main Menu.

3. Press **6 MNO** for Setup.

4. Press **4 GHI** for Data/Fax In.

5. Use the scroll keys to select "Incoming Data Only" or "Incoming Fax Only" and press OK to save the setting. The screen displays "No incoming voice calls can be received", and the Samsung 2500 phone returns to Standby mode and displays "Data Only" or "Fax Only" above the banner.

6. Your 2500 phone and computing device are now ready to receive an incoming fax or data call. When the SCH-2500 phone detects that the PC is receiving a data call, the display shows "Connecting Data".

Appendix

Troubleshooting
Common Questions
Safety Considerations
Glossary of Terms

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Troubleshooting

Maximizing Call Quality

For optimum call quality with your Samsung 2500 Series Phone, please follow these guidelines:

- Fully extend the antenna. While it may be possible to place calls with the antenna retracted, the phone operates best with the antenna fully extended.

- Hold the phone as you would hold any other telephone handset. Speak directly into the mouthpiece, and position the antenna up and over your shoulder while talking.

- Do not hold the antenna while using the phone, as this may affect call quality.

Caring for the Antenna

For proper care of the antenna, please follow these guidelines:

- Replace a damaged antenna immediately. A broken antenna may degrade call quality.

- Use only the antenna attached to your Samsung 2500 Series Phone. Unauthorized antennas, modifications, or attachments could cause damage to the phone and may void your warranty and violate applicable FCC or IC regulations.

Appendix

Common Questions

The following section provides answers to some commonly asked questions. If you encounter other problems with your Samsung 2500 Series Phone, please contact Samsung Customer Care at 1.888.987.HELP.

How do I turn on the phone?

Press and hold the END / PWR key until the phone sounds an alert and displays the time, date, and carrier's name.

Does the phone have to be on to receive a call?

Yes. The Samsung 2500 Series Phone must be on to receive an incoming call.

Can I answer the phone by pressing any key?

Yes. When set, the Any Key Answer option lets you answer a call by pressing any key, except END / PWR.

Is it difficult to operate a Samsung 2500 Series Phone?

No. The Samsung 2500 Series Phone is easy to use. To place a call, enter the number by pressing the digit keys on the keypad, and then press SEND. To end the call, press END / PWR. To display menu options, press MENU, and then press the scroll keys to scan menu options.

How do I keep track of my calls?

The Samsung 2500 Series Phone tracks calls through the Call Logs feature, which stores information on incoming and outgoing calls.

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What can I do to silence the ringer when I don't want to be disturbed?

The Samsung 2500 Series Phone has a Ringer Mute option that enables you to mute the ringer during incoming calls by pressing the ● key (it's on the side of the phone) or the **END/⏻** key.

What do I do when my phone gives me an unclear sound or the call quality is not good?

- Fully extend the antenna for best reception.
- Move to a location where the phone receives maximum Received Signal Strength.
- For better sound quality, place and receive your calls in an environment that is as quiet as possible.

The backlight doesn't stay on while I'm driving.

In the interest of safety, it is vital that you pay attention to the road while you are driving. You may choose to install a Hands-Free Car Kit, which allows convenient phone operation, charges the battery, and maintains the backlight.

The antenna feels like it could bend very easily.

The Samsung 2500 Series Phone has a flexible antenna, which keeps its shape when accidentally bent.

Appendix

Safety Considerations

For a variety of safety reasons, it is important to consider where you will be using your Samsung 2500 Series Phone. When using your phone and its accessories, please follow these guidelines:

Compliance with Safety Standards

The Samsung 2500 Series Phone meets all standards and recommendations for the protection of the public from exposure to radio frequency (RF) electromagnetic energy established by governmental bodies and other qualified organizations. To reduce the risk of fire, electric shock, serious personal injury, or property damage, please follow these guidelines:

Driving

Using a wireless phone while driving is illegal in some areas. Know the laws and regulations for your area, and pull off the road and park if you need to make a call.

Safety-
Your most
important call

The Wireless Industry
Reminds You To Use Your
Phone Safely When Driving

If you must use the phone while driving, purchase and install the optional Hands-Free Car Kit.

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Electronic Devices

Your wireless telephone is a radio transmitter and receiver. When the power is on, the phone receives and sends out RF energy. Most modern electronic equipment, such as equipment in hospitals and cars, contains an RF signal shield. RF energy may affect some inadequately shielded electronic equipment.

Turn off your phone in health care facilities, and always request permission before using the phone near medical equipment.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are shielded adequately from external RF signals.

Note if there are any regulations posted in the area regarding the operation of wireless phones, and learn where you can use them safely within the facility.

Aircraft

Turn off your phone before boarding any aircraft. The Federal Aviation Administration (FAA) requires that you have prior permission from the crew to use your phone while the plane is on the ground. FCC regulations prohibit using your phone while the plane is in the air. Do not use your phone at any time while traveling on board a plane.

Blasting Areas

Construction crews often use remote-control RF devices to set off explosives. To avoid interfering with blasting operations, turn off your phone when you are in a blasting area or in any area with signs posted that read "Turn off two-way radio."

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Other Dangerous Areas

Turn off your phone in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks, which could cause explosion or fire.

Areas with a potentially explosive atmosphere may not always be clearly marked. These areas may include:

- Fueling areas, such as gas stations
- Below deck on boats
- Fuel or chemical transfer or storage facilities
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders
- Any other area where you would normally be advised to turn off your vehicle engine

Do not transport or store flammable gas, liquid, or explosives in the compartment of a vehicle containing your phone or accessories.

Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. If this occurs, stop using the phone to avoid further interference.

Maintenance

For maintenance, contact Samsung Customer Care at 1.888.987.HELP (4357).

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Glossary of Terms

Airtime - Actual time spent talking on the wireless phone. Most carriers bill customers based on how many minutes of airtime they use each month.

AMPS - (Advanced Mobile Phone System) The standard Analog wireless telephone service.

Antenna - A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

Base Station - The fixed radio transmitter / receiver that maintains communications with mobile radio telephones within a given area. (Typically seen as cell or cell site.)

CDMA – (Code Division Multiple Access) A spread-spectrum approach to digital transmission. With CDMA, each conversion is digitized and then tagged with a code. The mobile phone deciphers only a particular code to pick the right conversation off the air. The transmitted signal is just above noise level across the available bandwidth.

Channel - Communications signals transmit along paths called channels.

Deactivation - The process of rendering a wireless phone inactive.

DTMF - (Dual-tone Multi-frequency) You send DTMF signals when you enter numbers by pressing the digit keys.

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Frequency - A measure based on time, as one or more waves per second, in an electrical or lightwave information signal. A signal's frequency is stated in cycles-per-second or Hertz (Hz).

Hands-Free - A feature that permits a driver to use a wireless phone without lifting or holding the handset – an important safety feature for automobiles, tractors and most other motorized vehicles.

Hook Flash - The action of clicking on the receiver of a landline phone. On the Samsung 2500 Series Phone, press SEND to achieve the same result.

LCD – (Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

LED – (Light Emitting Diode) Commonly used to refer to a small light on the wireless phone or on the Rapid Desktop Charger. The LED lights on the phone to indicate an incoming call. The LED lights on the charger to indicate that battery charging is taking place.

OTASP – Over the Air Service Provisioning. The ability to change some of your phone's settings over the RF link.

PCS – (Personal Communication System) Two-way, personal, digital, wireless communications systems.

Prepend - The addition of a prefix, such as an area code, to a phone number.

RF - Radio Frequency

Roaming - The ability to use a wireless phone to make and receive calls in places outside of the home service area.

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SMS – (Short Message Services) The variety of messaging services available on the Samsung 2500 Series Phone, including voicemail notification (VMN), numeric paging and text messaging.

Standby Time - The amount of time a fully charged wireless portable or transportable phone can be on and idle without being in use. (See Talk Time.)

Talk Time - The length of time a person can talk on a portable or transportable wireless phone without recharging the battery.

TRI-Mode - A phone that will operate in three modes: CDMA 1900, CDMA 800 and AMPS 800. The SCH-2500 Series phone has this capability.

VMN - Voice Mail Notification. A kind of SMS message that informs the user that he/she has voicemail(s).

Vocoder - Voice Coder. A device used to convert speech into digital signals.

Voice Mail - A computerized answering service that answers a call, plays a greeting and records a message. Depending on the sophistication of the service, it can notify the subscriber, via a pager, of an incoming call or message. (Also called voice messaging.)

Wireless - Radio-based systems that allow transmission of telephone or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.

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